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## UTILITY PATENT APPLICATION TRANSMITTAL

Attori	ney Docket No.	MS1-1276US
First Inventor		Eisentraeger
Title	Squared Weil and Elliptic Curves	Tate Pairing Techniques for Use with
		IEW SOLOS

(Only for new nonprovisional applications under 37 CFR 1.53(b)) | Express Mail Label No. | Provided Pr

APPLICATION ELEMENTS			DRESS TO: Commis	top Patent Applessioner for Pate	ication ents/P.O. Box 1450	
See MPEP chapter 600 concerning utility patent application contents.						
1.	form (e.g., PTO/SB/17)  In duplicate for fee processing)  Image: Total Pages [51]  In set forth below)  In set forth below in	7	Computer Program (Appendix)  8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)  a. Computer Readable Form (CRF)  b. Specification Sequence Listing on:  i. CD-ROM or CD-R (2 copies); or  ii. paper  c. Statements verifying identity of above copies  ACCOMPANYING APPLICATION PARTS  9. Assignment Papers (cover sheet & document(s))  10. 37 CFR 3.73(b) Statement Power of (when there is an assignee)  11. English Translation Document (if applicable)  12. Information Disclosure Copies of IDS Statement (IDS)/PTO-1449  13. Preliminary Amendment  14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized)  15. (Should be specifically itemized)  16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.			
Continuation	Divisional Continuation-in-part (CIP)		of prior application No.:	1		
Prior application information:	Examiner		Group Art Unit:			
For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.						
19. CORRESPONDENCE ADDRESS						
Customer Number or Bar Code Label 22801 or Correspondence address below						
Name .						
Address		,				
City		State		Zip Code		
Country	Те	lephone		Fax		
Name (Print/Type)	Thomas A. Jolly	Rea	istration No. (Attorney	(Agent) 39,2	41	
Signature	T POY			Date /	0) 1005	

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## EV205823106

PTO/SB/17 (01-03)

Approved for use through 04/30/2003. OMB 0651-0032
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## FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

(\$)	2,	48	2.	00	

Complete if Known					
Application Number					
Filing Date					
First Named Inventor	Eisentraeger				
Examiner Name					
Art Unit					
Attorney Docket No.	MS1-1276US				

METHOD OF PAYMENT (check all that apply)			FEE CALCULATION (continued)				
Check Credit card Money Other None			3. ADDITIONAL FEES				
Deposit Account:			Entity	Small	Entity		
Deposit		Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid_
Account Number	12-0769	1051	130	2051	- •	Surcharge - late filing fee or oath	Fee Falk
Deposit Account	Lee & Hayes, PLLC	1052	50	2052		Surcharge - late provisional filing fee or cover sheet	
Name The Commiss	sioner is authorized to: (check all that apply)	1053	130	1053	130	Non-English specification	<u> </u>
	e(s) indicated below Credit any overpayments	1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
	y additional fee(s) during the pendency of this application	1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
	e(s) indicated below, except for the filing fee dentified deposit account.	1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
10 1110 00010 13	FEE CALCULATION	1251	110	2251	55	Extension for reply within first month	
1. BASIC F		1252	410	2252	205	Extension for reply within second month	<b></b>
Large Entity		1253	930	2253	465	Extension for reply within third month	<b></b>
Fee Fee	Fee Fee Fee Description Fee Paid	1254	1,450	2254	725	Extension for reply within fourth month	
1001 750	Code (\$) 2001 375 Utility filing fee	1255	1,970	2255	985	Extension for reply within fifth month	<b></b>
1002 330	2001 375 Clinky filling fee 750	1401	320	2401	160	Notice of Appeal	
1003 520	2003 260 Plant filing fee	1402	320	2402	160	Filing a brief in support of an appeal	
1004 750	2004 375 Reissue filing fee	1403	280	2403	140	Request for oral hearing	L
1005 160	2005 80 Provisional filing fee	1451	1,510	1451	1,510	Petition to institute a public use proceeding	
	SUBTOTAL (1) (\$) 750.00	1452	110	2452	55	Petition to revive - unavoidable	<u>  </u>
- EVTDA		1453	1,300	2453	650	Petition to revive - unintentional	
2. EXTRA	CLAIM FEES FOR UTILITY AND REISSUE	1501	1,300	2501	650	Utility issue fee (or reissue)	
Tatal Claims	Extra Claims below Fee Paid  72 -20** = 52 x 18 = 936		470	2502	235	Design issue fee	
Total Claims Independent		1503	630	2503		Plant issue fee	
Claims Multiple Depe		1460	130	1460	130	Petitions to the Commissioner	
		1807	50	1807	7 50	Processing fee under 37 CFR 1.17(q)	
Large Entity Fee Fee	Small Entity   Fee Fee Fee Description	1806	180	1806		Submission of Information Disclosure Stmt	
Code (\$)	Code (\$)	8021	40	802°	1 40	Recording each patent assignment per property (times number of properties)	40
1202 18 1201 84	2202 9 Claims in excess of 20 2201 42 Independent claims in excess of 3	1809	750	2809	375	Filing a submission after final rejection (37 CFR 1.129(a))	
1203 280	2203 140 Multiple dependent claim, if not paid	1810	750	2810	375	For each additional invention to be examined (37 CFR 1.129(b))	
1204 84	2204 42 ** Reissue independent claims over original patent	1801	750	2801	375		
1205 18	2205 9 ** Reissue claims in excess of 20 and over original patent	1802	900	1802	900	•	
<u> </u>			fee (sp	ecify) _			
SUBTOTAL (2) (\$) 1692.00			uced by	Basic	Filing F	ee Paid SUBTOTAL (3) (\$)	40.00

SUBMITTED BY			(Complete (if applicable)
Name (Print/Type)	Thomas A. Jolly	Registration No. (Attorney/Agent) 39,241	Telephone (509) 324-9256
Signature	(MANU)		Date Trstrov?

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